

Approved For Release 2008/07/28 : CIA-RDP80T00246A000600840001-2

Page Denied

USAF review completed.

ARMY review
completed.

Approved For Release 2008/07/28 : CIA-RDP80T00246A000600840001-2

SEE BOTTOM OF PAGE FOR SPECIAL CONTROLS, IF ANY

C-O-N-F-I-D-E-N-T-I-A-L
INFORMATION REPORT

This material contains information affecting the National Defense of the United States within the meaning of the Espionage Laws, Title 18, U.S.C. Secs. 793 and 794, the transmission or revelation of which in any manner to an unauthorized person is prohibited by law.

PREPARED AND DISSEMINATED BY

CENTRAL INTELLIGENCE AGENCY

COUNTRY

Hungary

SUBJECT

CER Agents Equipment and Procedure

DATE DISTRIBUTED

20 February 1957

25X1

NO. OF PAGES

3

NO. OF ENCLS.

SUPPLEMENT TO REPORT #

25X1

THIS IS UNEVALUATED INFORMATION

25X1

This report is the result of a joint collection effort by the Air Force, the Army and CIA and is disseminated in accordance with the provisions of NSCID #7.

USAF review completed.

ARMY review completed.

1. [redacted] chemical warfare agents: 25X1

Clark 1 & 2
 Adamsite
 Chloracetone (sic)
 Chloracetophenone

Bromacetone (sic)
 Phosgene
 Diposgene
 Chlorine

Chloropicrin
 Mustard
 Nitrogen Mustard
 Lewisite

Special GasesBlood

Cyanogen
 Carbon monoxide

Nerve Gases

Tabun
 Sarin
 Soman
 DFP

2. [redacted] 25X1
3. [redacted] the Hungarian Army is equipped with [redacted] Very small quantities of Bromacetone (sic), Clark I & II, and Adamsite are available for training purposes.

Gas Masks and Protective Equipment

4. A Hungarian-produced ShM-1 gas mask is standard issue among all units of the Hungarian Army. [redacted] using Soviet ShM-1 gas masks until 1951 when an identical, indigenously-produced assembly was issued. [redacted] the mask was produced in Hungary, because the Hungarian marking MEO (Work Inspection Department) was on the carrier. 25X1

5. The Hungarian-produced gas masks are ineffective for these reasons: 25X1

C O N F I D E N T I A L

DISTRIBUTION	STATE	ARMY	NAVY	AIR															
--------------	-------	------	------	-----	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

C-O-N-F-I-D-E-N-T-I-A-L

25X1

- 2 -

The rubber facepiece is of poor quality and cracks within a short time, and the two spring components of the canister are easily jarred out of place (see Attachment 1), disrupting the filter arrangement and exposing the components to excess air, rendering the canister ineffective.

6. The gas mask canister (model unknown) is divided into five segments (Attachment 1) as follows: (bottom to top) empty or dead air space, layer of absorbent paper or feathers, layer of activated charcoal, special layer of chipped, carbonized plum or apricot pits saturated with an unknown chemical mixture. A red band was on the outside of all issue canisters.

these canisters had a life of 24 hours;

used

the ShM-1 and canister assembly for six hours against Bromacetone (sic).

7. In September 1956, a new ShM-1-type gas mask was about to be manufactured in Hungary. This mask differs slightly in facepiece design from the present standard issue masks. This difference consists in the molding of the two deflector tubes with the facepiece, as opposed to present detachable deflector tubes which are uncomfortable to the wearer. There is only one outlet valve in both the current and new gas mask.

8. All troops are issued CW protective sheets.

Decontamination Kits

9. the following decontamination kits are assigned one to each artillery piece: Two decontamination sets (identical with that listed in DA Pamphlet 30-12-1, pp 213-214) packed in a wooden box estimated in size as 18" long, 12" wide and 7" deep. (See Attachment 2, Item A.)
10. Contents of each decontamination set were described as follows: (Refer to numbered items in sketch, Attachment 2)

- (1) Weapon Decontamination case, metal. (Two per wooden case.)
- (2) Top View of the interior of the weapon decontamination set.
- (3) Wooden vials (approx 2 pint capacity)
 - (a) Red (piros) top vial contains water.
 - (b) Black (fekete) top contains an emulsified substance.
- (4) Metal Scraper used to scrape decontaminant from weapon; also used as tool for locking bolts of metal case.
- (5) Two-piece wooden-handled brush used for applying decontaminants.
- (6) Wooden vial with green (zold) top containing a chlorine base gas neutralizing substance.

11. A smaller, metal decontamination set was issued for each mortar and machine gun. Contents are same as those supplied for artillery decontamination but quantity of decontaminant is smaller.

12. All decontamination kits are manufactured in Hungary.

Individual CW Anti-Gas Kit

13. The tables of equipment for the Hungarian army call for issue of the following anti-gas kit to each member of armed forces. (In practice, this is not carried out): Kit is enclosed in heavy paper carton and contains three glass vials, each of which holds a chlorogen/crystalline solution. The vial is shaken to mix the solution and then broken and the solution placed on the gauze wrapping. The saturated gauze is then used to neutralize blister-type solutions only. It is not brought into contact with the eyes or open wounds. Medics are called in the latter cases.

C-O-N-F-I-D-E-N-T-I-A-L

C-O-N-F-I-D-E-N-T-I-A-L

25X1

- 3 -

Flame Warfare

14. Flame warfare was not a component of the chemical warfare training course.
15. [] there are not more than three or four portable flame throwers in the Hungarian Army. This paucity is due to Soviet distrust of Hungarian forces.

25X1

Radiological Warfare

16. Although [] trained to defend against atomic and radiological warfare, the subject was received in the nature of a joke, since all realized that little or no actual defense was possible.

25X1

Biological Warfare

17. Biological warfare was not a concern of the chemical troops but was relegated to the medics.

25X1

Smoke and Tear Gas in the Rebellion

18. [] the students used smoke and tear gas against the Russians during the recent rebellion. [] one tear gas candle (not Hungarian or Soviet) which was about eight inches high and yellow. Caps at both ends could be removed. When the candle had expended its contents a small explosive charge at the bottom was detonated and the candle destroyed.

25X1

25X1

Chemical Warfare Defense Troops

19. The Independent Chemical Defense Service, in charge of Lt Col Karoly Remenyi, was an independent unit of the Hungarian Army answerable only to the Ministry of Defense. Chemical Defense troops were assigned as follows:

<u>Corps</u>	-	One company (est 100 men)
<u>Division</u>	-	One platoon (est 30 men)
<u>Regiment</u>	-	One unit (est 10 men)

20. [] one independent battalion of Chemical Defense Troops, numbering between 370-400 men. This is stationed at Kistarcsa (47 32N - 19 16E).

25X1

Central Depot for CW Defensive Equipment

21. In September 1956, [] the central depot for chemical warfare defensive equipment (gas masks, protective capes, apparel, etc) This depot was located in the Kobanya area of District X, Budapest. (See Attachment 3). [] this depot might be moved to Vac (47 46N 0 19 08E) in the near future.

25X1

25X1

[] classified CONFIDENTIAL, are the following:

25X1

- (1) Sketch of gas mask canister and canister components.
- (2) Sketch of artillery decontamination kit and wooden case.
- (3) Location of Central CW Equipment Depot sketched as an overlay on sheet 4, AMS series M973 (GSGS4484) Budapest 1:15,000.

-end-

C-O-N-F-I-D-E-N-T-I-A-L

Approved For Release 2008/07/28 : CIA-RDP80T00246A000600840001-2

Page Denied

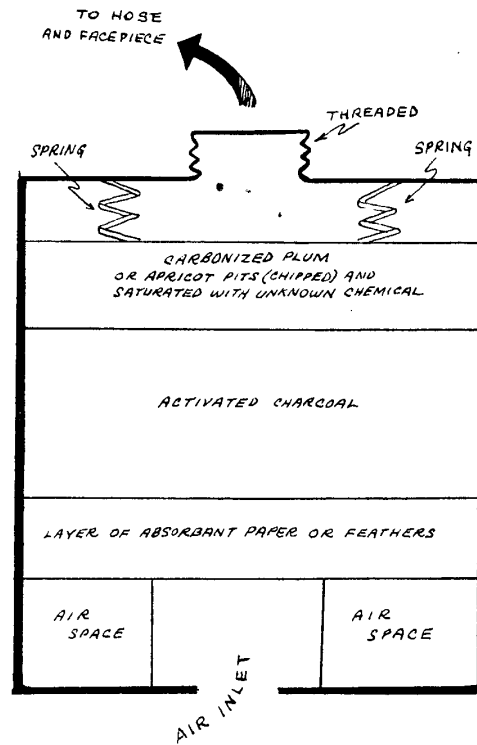
Approved For Release 2008/07/28 : CIA-RDP80T00246A000600840001-2

Confidential

INCLOSURE 1

25X1

SKETCH OF GAS MASK CANISTER AND
CANISTER COMPONENTS



Confidential

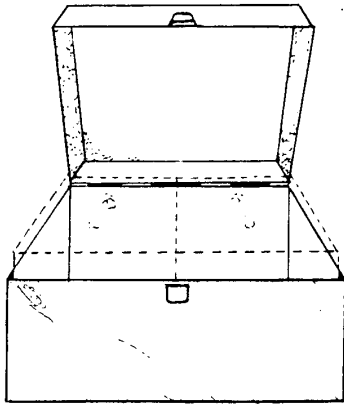
25X1

Confidential

INCLOSURE 2

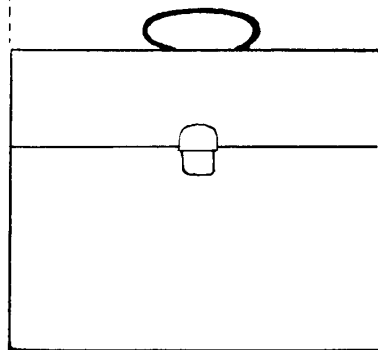
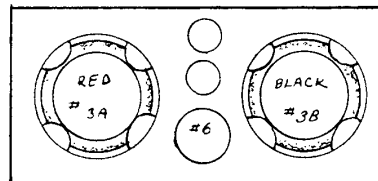
25X1

SKETCH OF ARTILLERY DECONTAMINATION KIT AND
WOODEN CASE



(A) WOODEN BOX FOR TWO DECONTAMINATION
CASES. (#1 BELOW)

#2 TOP VIEW INTERIOR OF WEAPON
DECONTAMINATION SET.



#1 WEAPON DECONTAMINATION CASE.
(FRONT VIEW)

#3 WOODEN VIAL
OF DECONTAMINANT.



#5 TWO-UNIT WOODEN
HANDLE BRUSH



#4 METAL SCRAPER
AND LOCK UNIT.



Confidential

25X1

Confidential

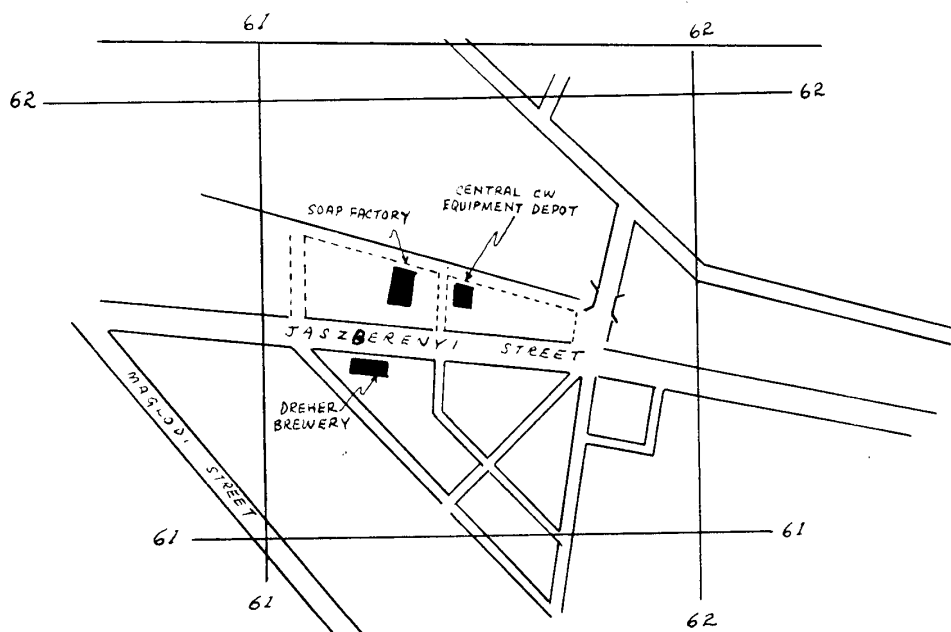
INCLOSURE 3

25X1

LOCATION OF CENTRAL CW EQUIPMENT DEPOT

25X1

25X1



Confidential

25X1